US 1 IS CONSIDERED TO RUN
IN A NORTH-SOUTH DIRECTION

## EXISTING SIGNS

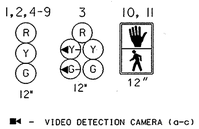
12
LEFT TURN
YIELD
ON GREEN
R10-12

13
TRUCKS
NO
RIGHT
TURN
R12-5(5) (MOD)

14
R3-6 (MOD)

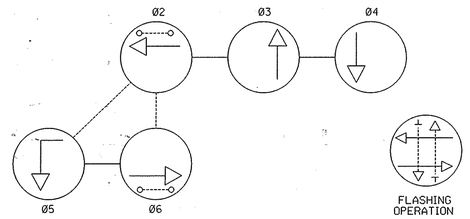
15
Baltimore Ave
D3-2

## PROPOSED SIGNALS

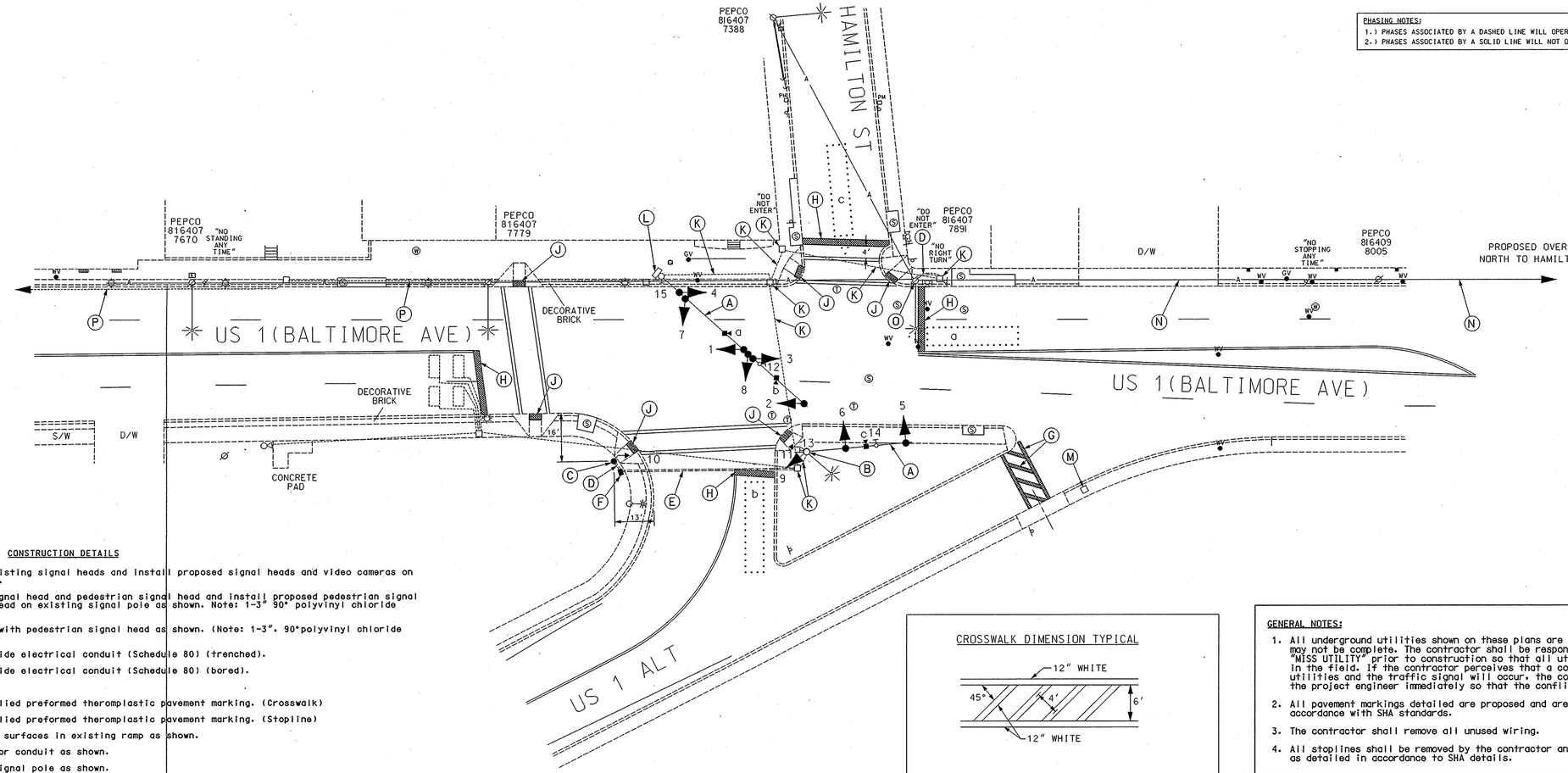



■ - VIDEO DETECTION CAMERA (a-c)

## NEMA PHASING




PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY




## CONSTRUCTION DETAILS

A. Contractor shall remove existing signal heads and install proposed signal heads and video cameras on existing mast arm as shown.

B. Remove existing traffic signal head and pedestrian signal head and install proposed pedestrian signal head and proposed signal head on existing signal pole as shown. Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.)

C. Install 10' pedestal pole with pedestrian signal head as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

D. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

E. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

F. Install handhole.

G. Install 12" white heat applied preformed theromplastic pavement marking. (Crosswalk)

H. Install 24" white heat applied preformed theromplastic pavement marking. (Stopline)

J. Install detectable warning surfaces in existing ramp as shown.

K. Use existing handhole and/or conduit as shown.

L. Use existing cabinet and signal pole as shown.

M. Remove existing handhole, cap and abandond all existing conduit runs associated with this handhole.

N. Proposed interconnect see interconnect plans for more details.

O. The contractor shall install 3" galvanized riser on existing wood pole.

P. Maintain existing underground interconnect.

## CROSSWALK DIMENSION TYPICAL




SCALE: 1"= 10'

## GENERAL NOTES:

1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
3. The contractor shall remove all unused wiring.
4. All stoplines shall be removed by the contractor and are to be replaced as detailed in accordance to SHA details.

## GEOMETRIC LEGEND

PROPOSED
EXISTING

## LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —


STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.NW.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-6637


4695g.dgn D6-3

| REVISIONS | APPROVALS |
|---|---|
| C 2-15-05 TRAFFIC SIGNAL RECONSTRUCTION AND SYSTEMIZATION SHA NO.: AT5665185 RRZ | TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION |
| B 3-27-00 ASBUILT FOR RED LIGHT CAMERA SHA NO.: RRZ | ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| A (DATE UNKNOWN) MODIFY EXISTING SIGNAL SHA NO.: | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| | DIRECTOR, TRAFFIC & SAFETY |

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
*Office of Traffic & Safety*
TRAFFIC ENGINEERING DESIGN DIVISION

# US 1 AND HAMILTON STREET / US 1 ALT

| | | | |
|---|---|---|---|
| DRAWN BY: R. BRITTON | F.A.P. NO. | TS NO. 1127 C | SHEET NO. 1 OF 2 |
| CHECKED BY: | S.H.A. NO. | | |
| SCALE: 1"= 20' | COUNTY: PRINCE GEORGE'S | T.I.M.S. NO. G633 | |
| DATE: 12/10/74 | LOG MILE: 16000101.88 | | |

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